

## EAST Search History

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|---|---|------------------|---------|------------------|
| L1    | 2262 | (715/501.1,513,522,505-508).CCLS.   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB              | OR               | OFF     | 2006/08/04 08:36 |
| L2    | 4472 | (709/201,204,206,230).CCLS.   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB              | OR               | OFF     | 2006/08/04 08:36 |
| L3    | 6629 | 1 2   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/08/04 08:36 |
| L4    | 5384 | 3 and @ad<="20001229"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/08/04 08:37 |
| L5    | 2    | 4 and ((integrat\$3 or incorporat\$3) with ((fill adj (in\$1 or out\$1)) with (form\$1 or field\$1)))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/08/04 08:38 |
| L6    | 0    | 4 and ((integrat\$3 or incorporat\$3) with ((fill adj (in\$1 or out\$1)) with (form\$1 or field\$1))) same (schema\$1 or dtd\$1 or (document adj type adj definition\$1)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/08/04 08:38 |
| S1    | 2    | ("6052730").PN.   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB              | OR               | OFF     | 2006/08/04 08:35 |
| S2    | 2    | ("5894554").PN.   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB              | OR               | OFF     | 2004/11/30 09:18 |
| S3    | 2    | ("6317777").PN.   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB              | OR               | OFF     | 2004/11/30 10:15 |
| S4    | 10   | (object adj oriented) near html   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB              | OR               | OFF     | 2004/11/30 10:22 |

## EAST Search History

|     |       |  |  |    |     |                  |
|-----|-------|--|--|----|-----|------------------|
| S5  | 36    | quick adj place  | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/30 10:23 |
| S6  | 17    | quickplace   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/11/30 10:23 |
| S7  | 20100 | (link\$3 or hyperlink\$3 or (hyper adj link\$3)) near (form\$1)                    | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/07 07:44 |
| S8  | 25    | (link\$3 or hyperlink\$3 or (hyper adj link\$3)) near ((html or web) near form\$1) | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/07 08:11 |
| S9  | 2     | ("5956736").PN.  | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/07 08:45 |
| S10 | 2     | ("6748425").PN.  | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/07 09:35 |
| S11 | 2     | ("5956736").PN.  | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/07 09:37 |
| S12 | 2     | ("6101509").PN.  | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/07 09:37 |
| S13 | 2     | ("6233600").PN.  | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/07 09:37 |
| S14 | 2     | ("6353446").PN.  | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/08 14:14 |
| S15 | 2     | ("5793966").PN.  | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/08 14:16 |
| S16 | 2     | ("5706452").PN.  | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/08 14:17 |

## EAST Search History

|     |     |   |  |    |     |                  |
|-----|-----|---|--|----|-----|------------------|
| S17 | 2   | ("5537526").PN.   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/08 14:18 |
| S18 | 2   | ("6177932").PN.   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/08 14:26 |
| S19 | 1   | "intranets.com"   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/08 14:26 |
| S20 | 13  | ("20010037379"   "5544360"  <br>"5684984"   "5771379"   "5813009"<br>  "5860066"   "5950206"  <br>"5991776"   "6098066"   "6260049"<br>  "6308173"   "6427175"  <br>"6615248").PN. OR ("6778972").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR               | OR | OFF | 2004/12/08 14:30 |
| S21 | 0   | S20 and ((creat\$3 or build\$3) near<br>url)  | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/08 14:30 |
| S22 | 305 | ((creat\$3 or build\$3 or construct\$3)<br>near url)  | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/08 14:31 |
| S23 | 29  | S22 and collaborat\$3   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/08 14:32 |
| S24 | 22  | S23 not estrada   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/08 14:33 |
| S25 | 15  | S24 and (upload\$3 or import\$3)  | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/08 14:42 |
| S26 | 7   | ("5812768"   "5901148"   "6195692"<br>  "6209026"   "6263330"  <br>"6351748"   "6449633").PN. OR<br>("6629127").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR               | OR | OFF | 2004/12/08 14:40 |
| S27 | 4   | geodesia  | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/08 14:45 |

## EAST Search History

|     |     |  |  |    |     |                  |
|-----|-----|--|--|----|-----|------------------|
| S28 | 95  | workrooms  | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/08 14:45 |
| S29 | 1   | workrooms and collaborat\$3                          | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/08 14:50 |
| S30 | 795 | web same collaborat\$3                               | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/08 14:51 |
| S31 | 549 | web with collaborat\$3                               | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/08 14:51 |
| S32 | 351 | web near5 collaborat\$3                              | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/08 14:52 |
| S33 | 334 | S32 not estrada                                      | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/08 14:53 |
| S34 | 333 | S33 not quickplace                                   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/08 14:53 |
| S35 | 322 | S33 not domino                                       | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/08 14:53 |
| S36 | 270 | S33 not lotus  | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/08 14:53 |
| S37 | 287 | S33 not (international adj business<br>adj machines) | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/08 15:11 |
| S38 | 60  | S37 and (workspace\$1 or (work adj<br>space\$1))     | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/08 15:12 |

## EAST Search History

|     |        |   |  |    |     |                  |
|-----|--------|---|--|----|-----|------------------|
| S39 | 12     | US-6052730-\$.DID. OR<br>US-5894554-\$.DID. OR<br>US-6317777-\$.DID. OR<br>US-6070155-\$.DID. OR<br>US-6278449-\$.DID. OR<br>US-6081788-\$.DID. | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/09 09:10 |
| S40 | 30     | "5,956,736"   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/09 09:13 |
| S41 | 2      | ("5956736").PN.   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/09 09:13 |
| S42 | 2      | ("6314408").PN.   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/14 08:23 |
| S43 | 3      | ("6223177").PN.   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/14 08:23 |
| S44 | 2      | ("6212534").PN.   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/14 08:24 |
| S45 | 2      | ("6278449").PN.   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/14 08:24 |
| S46 | 2      | ("5890131").PN.   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/14 08:28 |
| S47 | 155954 | import\$3 same form\$1  | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/14 08:28 |
| S48 | 39929  | import\$3 with form\$1  | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/14 08:28 |
| S49 | 16099  | import\$3 near5 form\$1   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/14 08:29 |

## EAST Search History

|     |      |   |  |    |     |                  |
|-----|------|---|--|----|-----|------------------|
| S50 | 4101 | import\$3 near form\$1  | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/14 08:29 |
| S51 | 0    | (import\$3 near form\$1) same<br>collaborat\$4  | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/14 08:29 |
| S52 | 6    | (import\$3 near5 form\$1) same<br>collaborat\$4   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2004/12/14 08:29 |
| S53 | 6622 | (form\$3 or creat\$3 or generat\$3)<br>same URL\$1                                      | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/07 08:12 |
| S54 | 1297 | (form\$3 or creat\$3 or generat\$3)<br>near URL\$1                                      | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/07 08:13 |
| S55 | 172  | S54 and ((upload\$3 or download\$3)<br>near (web or page\$1 or<br>document\$1 or html)) | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/07 08:26 |
| S56 | 407  | ((upload\$3) near (web or page\$1 or<br>document\$1 or html))                           | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/07 08:28 |
| S57 | 15   | ((upload\$3) near ((web or page\$1<br>or document\$1 or html)) near<br>imag\$3)         | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/07 08:26 |
| S58 | 100  | S56 and simultaneous\$3   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/07 08:34 |
| S59 | 36   | (upload\$3 near imag\$3) with<br>(page\$1)  | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/07 08:47 |
| S60 | 2    | ("6,233,600").PN.   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/07 09:19 |
| S61 | 297  | pars\$3 near form\$1  | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/01/07 09:00 |

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|     |      |  |   |    |     |                  |
|-----|------|--|---|----|-----|------------------|
| S62 | 21   | S61 and collaborat\$3  | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB              | OR | OFF | 2005/01/07 08:56 |
| S63 | 29   | pars\$3 near5 ((web or html) near form\$1)   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB              | OR | OFF | 2005/01/07 09:01 |
| S64 | 16   | S63 and group\$4   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB              | OR | OFF | 2005/01/07 09:01 |
| S65 | 2    | ("6,779,153").PN.  | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB              | OR | OFF | 2005/01/07 09:19 |
| S66 | 27   | ((html or web) near5 form\$1) same (data near model\$4)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/02 16:25 |
| S67 | 5    | S66 and (collaborat\$4)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/02 16:25 |
| S68 | 2    | ("6,233,600").PN.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/04 09:43 |
| S69 | 36   | ("5220657"   "5233687"   "5379374"   "5390297"   "5392400"   "5457797"   "5533183"   "5671412"   "5678042"   "5687317"   "5724508"   "5781727"   "5793365"   "5801700"   "5826025"   "5829001"   "5862330"   "5862346"   "5918010"   "5923845"   "6026433"   "6061695").PN. OR ("6233600").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | OFF | 2005/08/04 09:44 |
| S70 | 2761 | "I12" and @ad<="20001229"  | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | OFF | 2005/08/04 09:45 |
| S71 | 36   | S69 and @ad<="20001229"  | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | OFF | 2005/08/04 09:45 |
| S72 | 22   | S71 and (group adj ware\$1 or collaborat\$4)   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | OFF | 2005/08/04 09:46 |

## EAST Search History

|     |        |  |   |    |     |                  |
|-----|--------|--|---|----|-----|------------------|
| S73 | 22     | S71 and ((group adj ware\$1) or collaborat\$4 or gorupware\$1)   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | OFF | 2005/08/04 09:46 |
| S74 | 2      | S73 and schema\$1  | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | OFF | 2005/08/04 09:48 |
| S75 | 21     | S73 and (schema\$1 or form\$1 or template\$1)  | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | OFF | 2005/08/04 09:49 |
| S76 | 21     | S73 and (form\$1 or template\$1)   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | OFF | 2005/08/04 09:50 |
| S77 | 21     | S73 and (form\$1 or template\$1 or skin\$1)  | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | OFF | 2005/08/04 09:52 |
| S78 | 6      | S73 and (form\$1 or template\$1 or skin\$1) and (upload\$3)  | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | OFF | 2005/08/04 10:06 |
| S79 | 3      | S73 and ((form\$1 or template\$1 or skin\$1) near (hyperlink\$3 or (hyper adj link\$3) or link\$3))                                  | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | OFF | 2005/08/04 10:09 |
| S80 | 8      | S73 and ((form\$1 or template\$1 or skin\$1) near5 (hyperlink\$3 or (hyper adj link\$3) or link\$3))                                 | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | OFF | 2005/08/04 10:18 |
| S81 | 0      | S73 and ((form\$1 or template\$1 or skin\$1) near5 (local))  | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | OFF | 2005/08/04 10:19 |
| S82 | 6      | S73 and ((form\$1 or template\$1 or skin\$1) near5 (client\$1 or browser\$1))  | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | OFF | 2005/08/04 10:19 |
| S83 | 2      | ("6,779,153").PN.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/04 11:14 |
| S84 | 657378 | (creat\$3 or generat\$3 or design\$3) with (form\$1)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/12/14 11:35 |
| S85 | 8729   | ((creat\$3 or generat\$3 or design\$3) with (form\$1)) and (collaborat\$3 or multiuser\$1 or (multi adj user\$1) or (multi-user\$1)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/12/14 11:36 |



## EAST Search History

|     |     |   |   |    |     |                  |
|-----|-----|---|---|----|-----|------------------|
| S86 | 320 | ((creat\$3 or generat\$3 or design\$3) with (form\$1)) and (collaborat\$3 or multiuser\$1 or (multi adj user\$1) or (multi-user\$1)) and (adding with content\$1) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/12/14 11:44 |
| S87 | 103 | S86 and @ad<="20001229"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/12/14 11:45 |
| S88 | 5   | S87 and (estrada.in.)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/12/14 11:38 |
| S89 | 98  | S87 not S88   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/12/14 11:38 |
| S90 | 17  | S87 and (estrada.in. or ginter.in. or shaug.in.)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/12/14 11:40 |
| S91 | 86  | S87 not S90   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/12/14 11:39 |
| S92 | 20  | S87 and (estrada.in. or ginter.in. or shaughnessy.in.)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/12/14 11:40 |
| S93 | 83  | S87 not S92   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/12/14 11:40 |
| S94 | 16  | S93 and schema\$1   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/12/14 11:45 |
| S95 | 16  | S93 and schema\$1 and form\$1   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/12/14 11:42 |

## EAST Search History

|          |     |  |   |    |     |                  |
|----------|-----|--|---|----|-----|------------------|
| S96      | 15  | S93 and schema\$1 and form\$1 and collaborat\$3  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/12/14 11:45 |
| S97      | 382 | ((creat\$3 or generat\$3 or design\$3) with (form\$1)) and (collaborat\$3 or multiuser\$1 or (multi adj user\$1) or (multi-user\$1) or (distributed adj computing)) and (adding with content\$1) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/12/14 11:44 |
| S98      | 126 | S97 and @ad<="20001229"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/12/14 11:45 |
| S99      | 106 | S98 not S92  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/12/14 11:45 |
| S10<br>0 | 17  | S99 and schema\$1  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/12/14 11:45 |
| S10<br>1 | 15  | S100 and schema\$1 and form\$1 and collaborat\$3   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/12/14 11:45 |
| S10<br>2 | 362 | (modify\$3 or edit\$3 or updat\$3) near schema\$1  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/12/27 13:08 |
| S10<br>3 | 0   | remote\$1 with ((modify\$3 or edit\$3 or updat\$3) near schema\$1)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/12/27 13:08 |
| S10<br>4 | 6   | remote\$1 same((modify\$3 or edit\$3 or updat\$3) near schema\$1)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/12/27 13:10 |

## EAST Search History

|          |    |  |   |    |     |                  |
|----------|----|--|---|----|-----|------------------|
| S10<br>5 | 6  | S104 and form\$1   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/12/27 13:11 |
| S10<br>6 | 1  | S104 and (form\$1 adj3 (input\$1 or field\$1))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/12/27 13:12 |
| S10<br>7 | 13 | ("5768510"   "5790793"   "5898835"   "5956709"   "6003032"   "6101510"   "6112197"   "6134548"   "6151602"   "6151609"   "6178439"   "6202060"   "6330594").PN. OR ("6560607"). URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | OFF | 2005/12/27 13:14 |
| S10<br>8 | 12 | S107 and (updat\$3 or modify\$3 or edit\$3)  | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | OFF | 2005/12/27 13:15 |
| S10<br>9 | 1  | S107 and (updat\$3 or modify\$3 or edit\$3) and schema\$1  | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | OFF | 2005/12/27 13:15 |
| S11<br>0 | 6  | US-4514800-\$.DID. OR<br>US-4641274-\$.DID. OR<br>US-4674040-\$.DID.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/04 08:36 |
| S11<br>1 | 38 | US-4739477-\$.DID. OR<br>US-4815029-\$.DID. OR<br>US-4910663-\$.DID. OR<br>US-4933880-\$.DID. OR<br>US-4962475-\$.DID. OR<br>US-5072412-\$.DID. OR<br>US-5187786-\$.DID. OR<br>US-5191645-\$.DID. OR<br>US-5195183-\$.DID. OR<br>US-5204947-\$.DID. OR<br>US-5206951-\$.DID. OR<br>US-5237680-\$.DID. OR<br>US-5249275-\$.DID. OR<br>US-5274803-\$.DID. OR<br>US-5297249-\$.DID. OR<br>US-5297283-\$.DID. OR<br>US-5313631-\$.DID. OR<br>US-5313646-\$.DID. OR<br>US-5317686-\$.DID. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/04 08:37 |

## EAST Search History

|          |    |  |   |    |     |                  |
|----------|----|--|---|----|-----|------------------|
| S11<br>2 | 21 | S111 and form\$1   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/04 08:37 |
| S11<br>3 | 0  | S111 and ((html or web or xml or<br>xhtml) near5 form\$1)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/04 08:38 |
| S11<br>4 | 38 | US-5333317-\$.DID. OR<br>US-5339423-\$.DID. OR<br>US-5339424-\$.DID. OR<br>US-5341478-\$.DID. OR<br>US-5369766-\$.DID. OR<br>US-5369778-\$.DID. OR<br>US-5371675-\$.DID. OR<br>US-5377323-\$.DID. OR<br>US-5381547-\$.DID. OR<br>US-5390325-\$.DID. OR<br>US-5408665-\$.DID. OR<br>US-5410688-\$.DID. OR<br>US-5434975-\$.DID. OR<br>US-5436637-\$.DID. OR<br>US-5440744-\$.DID. OR<br>US-5446842-\$.DID. OR<br>US-5459865-\$.DID. OR<br>US-5481722-\$.DID. OR<br>US-5504898-\$.DID. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/04 08:38 |
| S11<br>5 | 0  | S114 and ((html or web or xml or<br>xhtml) near5 form\$1)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/04 08:39 |
| S11<br>6 | 38 | US-5517655-\$.DID. OR<br>US-5535389-\$.DID. OR<br>US-5542070-\$.DID. OR<br>US-5550976-\$.DID. OR<br>US-5551035-\$.DID. OR<br>US-5572643-\$.DID. OR<br>US-5572648-\$.DID. OR<br>US-5577252-\$.DID. OR<br>US-5581686-\$.DID. OR<br>US-5581760-\$.DID. OR<br>US-5602996-\$.DID. OR<br>US-5608720-\$.DID. OR<br>US-5627979-\$.DID. OR<br>US-5630126-\$.DID. OR<br>US-5634121-\$.DID. OR<br>US-5640544-\$.DID. OR<br>US-5659729-\$.DID. OR<br>US-5664178-\$.DID. OR<br>US-5669005-\$.DID. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/04 08:39 |

## EAST Search History

|          |    |  |   |    |     |                  |
|----------|----|--|---|----|-----|------------------|
| S11<br>7 | 2  | S116 and ((html or web or xml or xhtml) near5 form\$1)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/04 08:40 |
| S11<br>8 | 38 | US-5682536-\$.DID. OR<br>US-5689703-\$.DID. OR<br>US-5706501-\$.DID. OR<br>US-5717939-\$.DID. OR<br>US-5721824-\$.DID. OR<br>US-5740439-\$.DID. OR<br>US-5742504-\$.DID. OR<br>US-5745683-\$.DID. OR<br>US-5758184-\$.DID. OR<br>US-5758358-\$.DID. OR<br>US-5761408-\$.DID. OR<br>US-5761683-\$.DID. OR<br>US-5764984-\$.DID. OR<br>US-5764985-\$.DID. OR<br>US-5778372-\$.DID. OR<br>US-5784555-\$.DID. OR<br>US-5798757-\$.DID. OR<br>US-5801701-\$.DID. OR<br>US-5802304-\$.DID. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/04 08:40 |
| S11<br>9 | 1  | S118 and ((html or web or xml or xhtml) near5 form\$1)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/04 08:41 |
| S12<br>0 | 38 | US-5806079-\$.DID. OR<br>US-5815830-\$.DID. OR<br>US-5826265-\$.DID. OR<br>US-5835777-\$.DID. OR<br>US-5838906-\$.DID. OR<br>US-5842018-\$.DID. OR<br>US-5845077-\$.DID. OR<br>US-5845090-\$.DID. OR<br>US-5854630-\$.DID. OR<br>US-5859973-\$.DID. OR<br>US-5864819-\$.DID. OR<br>US-5907704-\$.DID. OR<br>US-5911776-\$.DID. OR<br>US-5915112-\$.DID. OR<br>US-5922072-\$.DID. OR<br>US-5940075-\$.DID. OR<br>US-5950010-\$.DID. OR<br>US-5963964-\$.DID. OR<br>US-5987480-\$.DID. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/04 08:40 |
| S12<br>1 | 3  | S120 and ((html or web or xml or xhtml) near5 form\$1)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/04 08:45 |

## EAST Search History

|          |    |  |   |    |     |                  |
|----------|----|--|---|----|-----|------------------|
| S12<br>2 | 38 | US-5991710-\$.DID. OR<br>US-5995103-\$.DID. OR<br>US-5999740-\$.DID. OR<br>US-6502101-\$.DID. OR<br>US-6560620-\$.DID. OR<br>US-6845380-\$.DID. OR<br>US-6848078-\$.DID. OR<br>US-6931532-\$.DID. OR<br>US-6014135-\$.DID. OR<br>US-6016520-\$.DID. OR<br>US-6026379-\$.DID. OR<br>US-6026416-\$.DID. OR<br>US-6031989-\$.DID. OR<br>US-6044205-\$.DID. OR<br>US-6052710-\$.DID. OR<br>US-6054987-\$.DID. OR<br>US-6072870-\$.DID. OR<br>US-6078326-\$.DID. OR<br>US-6078327-\$.DID. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/04 08:44 |
| S12<br>3 | 4  | S122 and ((html or web or xml or<br>xhtml) near5 form\$1)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/04 08:46 |
| S12<br>4 | 38 | US-6081610-\$.DID. OR<br>US-6084585-\$.DID. OR<br>US-6088708-\$.DID. OR<br>US-6091417-\$.DID. OR<br>US-6094657-\$.DID. OR<br>US-6098081-\$.DID. OR<br>US-6108637-\$.DID. OR<br>US-6108783-\$.DID. OR<br>US-6122647-\$.DID. OR<br>US-6151624-\$.DID. OR<br>US-6163772-\$.DID. OR<br>US-6167521-\$.DID. OR<br>US-6195661-\$.DID. OR<br>US-6199204-\$.DID. OR<br>US-6209128-\$.DID. OR<br>US-6216152-\$.DID. OR<br>US-6219698-\$.DID. OR<br>US-6225996-\$.DID. OR<br>US-6235027-\$.DID. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/04 08:46 |
| S12<br>5 | 4  | S124 and ((html or web or xml or<br>xhtml) near5 form\$1)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/04 08:46 |

## EAST Search History

|          |    |  |   |    |     |                  |
|----------|----|--|---|----|-----|------------------|
| S12<br>6 | 37 | US-6253366-\$.DID. OR<br>US-6253374-\$.DID. OR<br>US-6263313-\$.DID. OR<br>US-6266810-\$.DID. OR<br>US-6275227-\$.DID. OR<br>US-6275599-\$.DID. OR<br>US-6282711-\$.DID. OR<br>US-6286033-\$.DID. OR<br>US-6292897-\$.DID. OR<br>US-6297819-\$.DID. OR<br>US-6308179-\$.DID. OR<br>US-6311271-\$.DID. OR<br>US-6321334-\$.DID. OR<br>US-6327628-\$.DID. OR<br>US-6343302-\$.DID. OR<br>US-6345256-\$.DID. OR<br>US-6345361-\$.DID. OR<br>US-6347323-\$.DID. OR<br>US-6349408-\$.DID. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/04 08:46 |
| S12<br>7 | 5  | S126 and ((html or web or xml or<br>xhtml) near5 form\$1)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/04 08:52 |
| S12<br>8 | 7  | (remote\$2 with (edit\$3 or modif\$7)<br>with (schema\$1 or dtd\$1))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/04 08:49 |
| S12<br>9 | 6  | S128 and form\$1   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/04 08:52 |
| S13<br>0 | 8  | ("5987454"   "6012067"   "6016394"<br>  "6038566"   "6131096").PN. OR<br>("6460041").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | OFF | 2006/01/04 08:50 |
| S13<br>1 | 7  | S130 and form\$1   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/04 08:52 |
| S13<br>2 | 4  | S130 and ((html or web or xml or<br>xhtml) near5 form\$1)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/04 08:54 |

## EAST Search History

|          |    |  |   |    |     |                  |
|----------|----|--|---|----|-----|------------------|
| S13<br>3 | 38 | US-6353926-\$.DID. OR<br>US-6357038-\$.DID. OR<br>US-6366912-\$.DID. OR<br>US-6369840-\$.DID. OR<br>US-6374402-\$.DID. OR<br>US-6381742-\$.DID. OR<br>US-6381743-\$.DID. OR<br>US-6389434-\$.DID. OR<br>US-6393456-\$.DID. OR<br>US-6396488-\$.DID. OR<br>US-6408311-\$.DID. OR<br>US-6421070-\$.DID. OR<br>US-6421656-\$.DID. OR<br>US-6425125-\$.DID. OR<br>US-6434563-\$.DID. OR<br>US-6434564-\$.DID. OR<br>US-6442755-\$.DID. OR<br>US-6446110-\$.DID. OR<br>US-6460058-\$.DID. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/04 08:54 |
| S13<br>4 | 2  | S133 and ((html or web or xml or<br>xhtml) near5 form\$1)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/04 08:55 |
| S13<br>5 | 38 | US-6470349-\$.DID. OR<br>US-6473800-\$.DID. OR<br>US-6476833-\$.DID. OR<br>US-6477544-\$.DID. OR<br>US-6493702-\$.DID. OR<br>US-6502103-\$.DID. OR<br>US-6505230-\$.DID. OR<br>US-6505300-\$.DID. OR<br>US-6507856-\$.DID. OR<br>US-6516322-\$.DID. OR<br>US-6519617-\$.DID. OR<br>US-6546546-\$.DID. OR<br>US-6549221-\$.DID. OR<br>US-6549878-\$.DID. OR<br>US-6560640-\$.DID. OR<br>US-6563514-\$.DID. OR<br>US-6571253-\$.DID. OR<br>US-6578144-\$.DID. OR<br>US-6581061-\$.DID. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/04 08:55 |
| S13<br>6 | 6  | S135 and ((html or web or xml or<br>xhtml) near5 form\$1)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/04 08:57 |



## EAST Search History

|          |        |  |   |    |     |                  |
|----------|--------|--|---|----|-----|------------------|
| S13<br>7 | 38     | US-6584548-\$.DID. OR<br>US-6585778-\$.DID. OR<br>US-6604099-\$.DID. OR<br>US-6606606-\$.DID. OR<br>US-6609200-\$.DID. OR<br>US-6611822-\$.DID. OR<br>US-6611840-\$.DID. OR<br>US-6613098-\$.DID. OR<br>US-6615276-\$.DID. OR<br>US-6631357-\$.DID. OR<br>US-6631497-\$.DID. OR<br>US-6643684-\$.DID. OR<br>US-6668369-\$.DID. OR<br>US-6678717-\$.DID. OR<br>US-6691230-\$.DID. OR<br>US-6691281-\$.DID. OR<br>US-6697944-\$.DID. OR<br>US-6701434-\$.DID. OR<br>US-6711679-\$.DID. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/04 08:57 |
| S13<br>8 | 6      | S136 and ((html or web or xml or<br>xhtml) near5 form\$1)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/04 09:00 |
| S13<br>9 | 8      | US-6748385-\$.DID. OR<br>US-6751777-\$.DID. OR<br>US-6772139-\$.DID. OR<br>US-6774926-\$.DID.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/04 08:59 |
| S14<br>0 | 16     | US-6356906-\$.DID. OR<br>US-6480860-\$.DID. OR<br>US-6631379-\$.DID. OR<br>US-6631519-\$.DID. OR<br>US-6635089-\$.DID. OR<br>US-6636845-\$.DID. OR<br>US-6643633-\$.DID. OR<br>US-6963875-\$.DID.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/04 08:59 |
| S14<br>1 | 2      | S139 and ((html or web or xml or<br>xhtml) near5 form\$1)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/04 09:01 |
| S14<br>2 | 4      | S140 and ((html or web or xml or<br>xhtml) near5 form\$1)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/04 09:01 |
| S14<br>3 | 586395 | (design\$3 or creat\$3 or<br>construct\$3) with form\$1  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/05 12:25 |

## EAST Search History

|          |        |  |   |    |     |                  |
|----------|--------|--|---|----|-----|------------------|
| S14<br>4 | 201187 | (design\$3 or creat\$3 or construct\$3) near\$1  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/05 12:19 |
| S14<br>5 | 1285   | S144 and ((ftp\$3 or upload\$3 or forward\$3 or install\$3) near form\$1)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/05 12:20 |
| S14<br>6 | 634    | S145 and (install\$3 or integrat\$3) near form\$1  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/05 12:28 |
| S14<br>7 | 17     | S146 and collaborat\$4   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/05 12:22 |
| S14<br>8 | 0      | ("2002/0152234").URPN.   | USPAT   | OR | OFF | 2006/01/05 12:21 |
| S14<br>9 | 5      | S147 and estrada.in.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/05 12:22 |
| S15<br>0 | 12     | S147 not S149  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/05 12:22 |
| S15<br>1 | 10     | ("5894554"   "6052730"   "6070185"   "6081788"   "6233600"   "6278449"   "6317777"   "6489980"   "6701343"   "6708309").PN. OR ("6973618").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | OFF | 2006/01/05 12:25 |
| S15<br>2 | 3      | S151 and ((design\$3 or creat\$3 or construct\$3) with form\$1)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/05 12:36 |
| S15<br>3 | 0      | S151 with form\$1  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/05 12:26 |

## EAST Search History

|          |       |  |   |    |     |                  |
|----------|-------|--|---|----|-----|------------------|
| S15<br>4 | 10    | S151 and form\$1   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/05 12:26 |
| S15<br>5 | 1     | S151 and (input\$1 with form\$1)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/05 12:27 |
| S15<br>6 | 9447  | (715/5??).CCLS.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/05 12:28 |
| S15<br>7 | 15    | S146 and S156  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/05 12:28 |
| S15<br>8 | 8     | ("20030208108"   "5557787"  <br>"5819254"   "5832496"   "5970464"<br>  "6397221"   "6415284"  <br>"6665685").PN. OR ("6968500").<br>URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | OFF | 2006/01/05 12:36 |
| S15<br>9 | 6     | S158 and ((design\$3 or creat\$3 or<br>construct\$3) with form\$1)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/05 12:37 |
| S16<br>0 | 12    | (US-20010054046-\$).did. or<br>(US-5923845-\$ or US-6233600-\$ or<br>US-6343302-\$ or US-6460041-\$ or<br>US-6560607-\$ or US-6581061-\$ or<br>US-6640241-\$ or US-6772216-\$ or<br>US-6779153-\$ or US-6917962-\$ or<br>US-6968500-\$).did. | US-PGPUB;<br>USPAT                                      | OR | OFF | 2006/01/06 08:02 |
| S16<br>1 | 8     | S160 and @ad<="20001229"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/06 08:04 |
| S16<br>2 | 14361 | (collect\$3 near5 (data\$1 or<br>input\$1)) with user\$1   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/06 08:05 |

## EAST Search History

|          |      |   |   |    |     |                  |
|----------|------|---|---|----|-----|------------------|
| S16<br>3 | 5369 | S162 and @ad<="20001229"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/06 08:05 |
| S16<br>4 | 139  | ((collect\$3 near5 (data\$1 or input\$1)) with user\$1) same ((creat\$3 or generat\$3) near5 form\$1) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/06 08:05 |
| S16<br>5 | 46   | S164 and @ad<="20001229"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/06 08:12 |
| S16<br>6 | 3040 | (database\$1) same ((creat\$3 or design\$3) near5 form\$1)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/06 08:11 |
| S16<br>7 | 1457 | (database\$1) with ((creat\$3 or design\$3) near5 form\$1)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/06 08:11 |
| S16<br>8 | 107  | (database\$1) with (((creat\$3 or design\$3) near5 form\$1) with (field\$1))                          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/06 08:12 |
| S16<br>9 | 54   | S168 and @ad<="20001229"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/06 09:16 |
| S17<br>0 | 310  | (remote\$2 near maint\$7) with (database\$1 or (data adj base\$1))                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/06 09:17 |
| S17<br>1 | 101  | S170 and @ad<="20001229"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/06 09:20 |
| S17<br>2 | 2    | S171 and (database\$1 near form\$1)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/06 09:21 |

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|          |      |  |   |    |     |                  |
|----------|------|--|---|----|-----|------------------|
| S17<br>3 | 3739 | (updat\$3 or add\$3) near5 (field\$1 or object\$1) near5 (database\$1 or (data adj base\$1))                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/06 09:22 |
| S17<br>4 | 1645 | S173 and ((remote\$2 or network\$3) near5 (database\$1 or (data adj base\$1)))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/06 09:23 |
| S17<br>5 | 736  | S174 and @ad<="20001229"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/06 09:23 |
| S17<br>6 | 75   | S175 and (database\$1 near form\$1)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/06 09:23 |
| S17<br>7 | 5336 | (updat\$3 or add\$3) near5 (field\$1 or row\$1 or column\$1 or table\$1) near5 (database\$1 or (data adj base\$1))             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/06 09:23 |
| S17<br>8 | 7815 | (updat\$3 or add\$3 or defin\$3) near5 (field\$1 or row\$1 or column\$1 or table\$1) near5 (database\$1 or (data adj base\$1)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/06 09:23 |
| S17<br>9 | 3067 | S178 and ((remote\$2 or network\$3) near5 (database\$1 or (data adj base\$1)))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/06 09:23 |
| S18<br>0 | 328  | S179 and (database\$1 near form\$1)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/06 09:23 |
| S18<br>1 | 134  | S180 and @ad<="20001229"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/06 09:24 |
| S18<br>2 | 2    | ("6968500").PN.  | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB              | OR | OFF | 2006/01/08 12:24 |

## EAST Search History

|          |      |  |   |    |     |                  |
|----------|------|--|---|----|-----|------------------|
| S18<br>3 | 8    | ("20030208108"   "5557787"   "5819254"   "5832496"   "5970464"   "6397221"   "6415284"   "6665685").PN. OR ("6968500").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | OFF | 2006/01/08 12:26 |
| S18<br>4 | 8    | S183 and 2ad<="20001229"   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | OFF | 2006/01/08 12:26 |
| S18<br>5 | 7    | S183 and @ad<="20001229"   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | OFF | 2006/01/08 12:26 |
| S18<br>6 | 5    | S185 and ((generat\$3 or creat\$3) with form\$1)   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | OFF | 2006/01/08 12:28 |
| S18<br>7 | 3    | S186 and server\$1   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | OFF | 2006/01/08 12:28 |
| S18<br>8 | 8    | ("20030208108"   "5557787"   "5819254"   "5832496"   "5970464"   "6397221"   "6415284"   "6665685").PN. OR ("6968500").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | OFF | 2006/01/20 14:20 |
| S18<br>9 | 7    | S188 and @ad<="20001229"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/20 14:20 |
| S19<br>0 | 2    | ("6,233,600").PN.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/23 12:39 |
| S19<br>1 | 2    | ("5,956,736").PN.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/24 11:07 |
| S19<br>2 | 3355 | (715/501.1,513,522).CCLS.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/25 10:45 |
| S19<br>3 | 8178 | (709/201,204,206,230).CCLS.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/25 10:45 |

## EAST Search History

|          |       |  |   |    |     |                  |
|----------|-------|--|---|----|-----|------------------|
| S19<br>4 | 109   | S192 and S193  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/25 10:45 |
| S19<br>5 | 11424 | S192 or S193   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/25 10:46 |
| S19<br>6 | 5088  | S195 and @ad<="20001229"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/25 10:46 |
| S19<br>7 | 81    | S194 and @ad<="20001229"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/25 10:46 |
| S19<br>8 | 38    | S197 and ((web or html or fillin\$1 or fill-in\$1 or (fill adj in\$1)) with form\$1) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/25 10:47 |
| S19<br>9 | 990   | S196 and ((web or html or fillin\$1 or fill-in\$1 or (fill adj in\$1)) with form\$1) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/01/25 10:47 |
| S20<br>0 | 869   | extend\$3 with schema\$1   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/02 10:44 |
| S20<br>1 | 1096  | (extend\$3 or append\$3 or "adding to") with schema\$1                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/02 10:45 |
| S20<br>2 | 190   | S201 and @ad<="20001229"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/02 10:46 |
| S20<br>3 | 0     | S202 and estrada.in.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/02 10:47 |

## EAST Search History

|          |     |   |   |    |     |                  |
|----------|-----|---|---|----|-----|------------------|
| S20<br>4 | 19  | S202 and international.as.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/02 10:48 |
| S20<br>5 | 18  | S204 and form\$1  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/02 10:54 |
| S20<br>6 | 171 | S202 not S204   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/02 10:54 |
| S20<br>7 | 154 | S206 and form\$1  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/02 10:54 |
| S20<br>8 | 42  | S206 and ((html or web or www or<br>input or fill-in) near3 form\$1)                          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/02 10:59 |
| S20<br>9 | 24  | S208 not slaughter.in.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/02 10:59 |
| S21<br>0 | 0   | (integrat\$3 with (form\$1 or field\$1))<br>with (schema\$1 or dtd\$1) with<br>collabora\$4   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/04 08:32 |
| S21<br>1 | 2   | (integrat\$3 with (form\$1 or field\$1))<br>same (schema\$1 or dtd\$1) same<br>collabora\$4   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/04 08:33 |
| S21<br>2 | 2   | ((integrat\$3 with (form\$1 or<br>field\$1)) same (schema\$1 or<br>dtd\$1)) same collabora\$4 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/08/04 08:33 |




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### 1 [Collaborative workspace for time deferred electronic cooperation](#)



Uta Pankoke-Babatz, Anja Syri

 November 1997 **Proceedings of the international ACM SIGGROUP conference on Supporting group work: the integration challenge**

Publisher: ACM Press

 Full text available: [pdf\(1.49 MB\)](#)

 Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

**Keywords:** CSCW enablers, asynchronous cooperation, awareness, collaborative workspace, electronic behavior setting, sharing

### 2 [Cooperative buildings—integrating information, organization and architecture](#)



Norbert A. Streitz

 November 1998 **Proceedings of the 1998 ACM conference on Computer supported cooperative work**

Publisher: ACM Press

 Full text available: [pdf\(1.89 MB\)](#)

 Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

### 3 [Flexible coordination with cooperative hypertext](#)



Weigang Wang, Jörg M. Haake

 May 1998 **Proceedings of the ninth ACM conference on Hypertext and hypermedia : links, objects, time and space---structure in hypermedia systems: links, objects, time and space---structure in hypermedia systems**

Publisher: ACM Press

 Full text available: [pdf\(1.69 MB\)](#)


 Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

### 4 [Team-and-role-based organizational context and access control for cooperative hypermedia environments](#)



Weigang Wang

 February 1999 **Proceedings of the tenth ACM Conference on Hypertext and**

**hypermedia : returning to our diverse roots: returning to our diverse roots****Publisher:** ACM PressFull text available:  [pdf\(2.13 MB\)](#)Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)**Keywords:** cooperative hypermedia, coordination, groupware, process support, role-based access control, workflow**5 Building bridges: customisation and mutual intelligibility in shared category****management**


Paul Dourish, John Lamping, Tom Rodden

November 1999 **Proceedings of the international ACM SIGGROUP conference on Supporting group work****Publisher:** ACM PressFull text available:  [pdf\(1.54 MB\)](#)Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)


Research into collaborative document use often concentrates on how people share document content. However, studies of real-world document practices reveal that the structures by which document corpora are organised may also, themselves, be important sites of collaborative activity. Unfortunately, this poses a problem. When category structures are used to understand a set of documents, the manipulation of those structures can interfere with shared understand ...

**Keywords:** categorisation, customisation, document management, shared views, shared workspaces**6 Flexible support for business processes: extending cooperative hypermedia with process support**

Jörg M. Haake, Weigang Wang

November 1997 **Proceedings of the international ACM SIGGROUP conference on Supporting group work: the integration challenge****Publisher:** ACM PressFull text available:  [pdf\(1.62 MB\)](#)Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)**Keywords:** activity space, cooperative work, flexible workflow, hypermedia**7 The design of an interactive online help desk in the Alexandria Digital Library**

Robert Prince, Jianwen Su, Hong Tang, Yonggang Zhao

March 1999 **ACM SIGSOFT Software Engineering Notes , Proceedings of the international joint conference on Work activities coordination and collaboration WACC '99**, Volume 24 Issue 2**Publisher:** ACM PressFull text available:  [pdf\(1.53 MB\)](#)Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

In large software systems such as digital libraries, electronic commerce applications, and customer support systems, the user interface and system are often complex and difficult to navigate. It is necessary to provide users with interactive online support to help users learn how to effectively use these applications. Such online help facilities can include providing tutorials and animated demonstrations, synchronized activities between users

and system supporting staff for real time instruction ...

**Keywords:** collaboration, digital library, online help desk, online support, user interface

8 An access control framework for multi-user collaborative environments



Adrian Bullock, Steve Benford

November 1999 **Proceedings of the international ACM SIGGROUP conference on Supporting group work**

**Publisher:** ACM Press

Full text available: [pdf\(1.55 MB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

A vital component of any application or environment is security, and yet this is often one of the lower priorities, losing out to performance and functionality issues, if it is considered at all. This paper considers a spatial approach to enabling, understanding and managing access control that is generally applicable across a range of collaborative environments and applications. Access control is governed according to the space within which subjects and objects reside, and the ability to t ...

**Keywords:** access control, collaborative systems, security

9 Frameworks for component-based client/server computing



Scott M. Lewandowski

March 1998 **ACM Computing Surveys (CSUR)**, Volume 30 Issue 1

**Publisher:** ACM Press

Full text available: [pdf\(243.81 KB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

10 Openness in shared hypermedia workspaces: the case for collaborative open hypermedia systems



Jörg M. Haake, Uffe K. Wiil, Peter J. Nürnberg

October 1999 **ACM SIGWEB Newsletter**, Volume 8 Issue 3

**Publisher:** ACM Press

Full text available: [pdf\(1.33 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)

Group work requires much flexibility regarding both the organization of shared workspaces and the organization of collaborative work. Shared hypermedia workspaces can provide this flexibility. However, this requires the provision of openness with respect to both the hypermedia workspace and the collaboration support offered in such a collaborative open hypermedia system. In this paper we address the issue of how to identify key requirements of open collaborative hypermedia systems. We start with ...

11 SEPIA: a cooperative hypermedia authoring environment



Norbert Streitz, Jörg Haake, Jörg Hannemann, Andreas Lemke, Wolfgang Schuler, Helge Schütt, Manfred Thüring

December 1993 **Proceedings of the ACM conference on Hypertext**



**Publisher:** ACM Press




Full text available: [pdf\(1.78 MB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)




12 A three-faceted view of information systems






Giorgio De Michelis, Eric Dubois, Matthias Jarke, Florian Matthes, John Mylopoulos, Joachim

-  W. Schmidt, Carson Woo, Eric Yu  
 December 1998 **Communications of the ACM**, Volume 41 Issue 12  
**Publisher:** ACM Press  
 Full text available:  [pdf\(423.05 KB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#), [review](#)




- 13 An architecture for WWW-based hypercode environments   
 Gail E. Kaiser, Stephen E. Dossick, Wenyu Jiang, Jack Jingshuang Yang  
 May 1997 **Proceedings of the 19th international conference on Software engineering**  
**Publisher:** ACM Press  
 Full text available:  [pdf\(1.84 MB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

- 14 CHIME: a metadata-based distributed software development environment   
 Stephen E. Dossick, Gail E. Kaiser  
 October 1999 **ACM SIGSOFT Software Engineering Notes , Proceedings of the 7th European software engineering conference held jointly with the 7th ACM SIGSOFT international symposium on Foundations of software engineering ESEC/FSE-7**, Volume 24 Issue 6  
**Publisher:** Springer-Verlag, ACM Press  
 Full text available:  [pdf\(940.46 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

We introduce CHIME, the Columbia Hypermedia IMmersion Environment, a metadata-based information environment, and describe its potential applications for internet and intranet-based distributed software development. CHIME derives many of its concepts from Multi-User Domains (MUDs), placing users in a semi-automatically generated 3D virtual world representing the software system. Users interact with project artifacts by "walking around" the virtual world, where they potentially en ...

- 15 Paper as an analytic resource for the design of new technologies   
 Abigail Sellen, Richard Harper  
 March 1997 **Proceedings of the SIGCHI conference on Human factors in computing systems**  
**Publisher:** ACM Press  
 Full text available:  [pdf\(1.11 MB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

**Keywords:** IMF, collaboration, design, diary study, ethnography, knowledge work, organisations, paper

- 16 Supporting user-defined activity spaces   
 Weigang Wang, Jörg Haake  
 April 1997 **Proceedings of the eighth ACM conference on Hypertext**  
**Publisher:** ACM Press  
 Full text available:  [pdf\(1.28 MB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

**Keywords:** activity space, hypertext model, intelligent system, object-oriented system, schema definition, schema integration, semantic net

**17** Modeling shared information spaces (SIS)

Marit Kjørnes Natvig, Oddrun Ohren

November 1999 **Proceedings of the international ACM SIGGROUP conference on Supporting group work****Publisher:** ACM PressFull text available: [pdf\(1.27 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Many companies experience that their corporate intranet is getting complex and poorly manageable. We believe that developing a model for the website, or shared information space will make the management easier and provide solutions that support collaboration and knowledge sharing within the enterprise. The present paper proposes a meta model defining the conceptual building blocks of an information space. The meta model takes knowledge as well as information sharing into account by letting ...

**Keywords:** knowledge sharing, meta model, ontology, shared information space**18** NSF workshop on industrial/academic cooperation in database systems

Mike Carey, Len Seligman

March 1999 **ACM SIGMOD Record**, Volume 28 Issue 1**Publisher:** ACM PressFull text available: [pdf\(1.96 MB\)](#) Additional Information: [full citation](#), [index terms](#)**19** Unifying strategies for Web augmentation

Niels Olof Bouvin

February 1999 **Proceedings of the tenth ACM Conference on Hypertext and hypermedia : returning to our diverse roots: returning to our diverse roots****Publisher:** ACM PressFull text available: [pdf\(1.40 MB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

**Keywords:** Java, Web integration, collaboration on the Web, common reference architecture for open hypermedia systems, open hypermedia protocol, open hypermedia systems, unifying interfaces

**20** Supporting dynamic interdependencies among collaborative activities

Douglas P. Bogia, William J. Tolone, Simon M. Kaplan, Eric de la Tribouille

December 1993 **Proceedings of the conference on Organizational computing systems****Publisher:** ACM PressFull text available: [pdf\(1.03 MB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)**Keywords:** CSCW environments, active/flexible support, toolkits

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